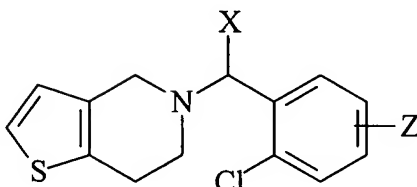


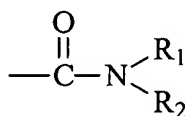
## ABSTRACT

A process for the preparation of tetrahydrothieno[3,2-c]pyridine derivatives of the general formula 6:



6

or their pharmaceutically acceptable salts, wherein the meaning of X is carboxyl, alkoxycarbonyl, aryloxy carbonyl, or carbamoyl of formula



- 10 wherein  $R_1$  and  $R_2$  can be individually or simultaneously hydrogen, alkyl or part of a heterocyclic structure; Z can be hydrogen, halogen, alkyl, aryl, aryloxy or alkoxy group, the process comprising conducting a dehydroxylation reaction on the compound of formula 5 in order to obtain a compound of formula 6, wherein said dehydroxylation reaction is effected by iodosilane represented by the formula  $Si(R_3)_3I$ , wherein  $R_3$
- 15 selected from an alkyl, alkenyl, alkynyl, aromatic group, or combinations of thereof.

